

SECRET

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SARO-4209

Copy 4 of 6

2 March 1956

MEMORANDUM FOR : Contracts Officer, Project AQUATONE
FROM : Communications Officer, Project AQUATONE
SUBJECT : GFE Equipment for R & W

1. It has been determined that the major components for the data reduction needs of Systems One, Three and Four can be furnished Ramo Woolridge as GFE at a considerable savings to the Government. This is in lieu of the direct procurement of these items by R & W.

2. The particular items to be furnished R & W are standard Ampex tape transports. These transports are standard Ampex items and their procurement through normal Agency channels will in no ways jeopardize Project security.

3. It is requested that the Contracts Officer take the appropriate steps to provide R & W with Ampex units, GFE, in the types and quantities spelled out in the attached list.

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2 March 1956

PROCUREMENT OF AMPEX TAPE TRANSPORTS

A - The following Ampex units are required to meet the data reduction needs of Systems One and Three.

- a. Ampex 350-R tape transport with head mounting assembly but without heads, for 1/4 inch tape, without Capstan drive motor. (Five required)
- b. Ampex 350-3R tape transport 15-30 in/sec complete with standard 3-track erase, record, and playback heads for 1/4 inch tape. (Ten required)
- c. Ampex 350-3R tape transport 3 3/4 - 7 1/2 in/sec with standard 3-track playback head only for 1/4 inch tape. (Ten required)
- d. Ampex 350-3R tape transport 3 3/4 - 7 1/2 in/sec with erase, record, and playback heads. (Two required)

B - The following Ampex equipment will be required to meet the anticipated needs of System Four and other systems using one inch tape.

- a. Ampex 300 - 14R tape transport 3 3/4 - 7 1/2 - 15 - 30 inches per second, 14 channel playback head only. (Five required)
- b. Ampex 300 - 14R tape transport 3 3/4 - 7 1/2 - 15 - 30 inches per second, with 14 channel erase, record, and playback heads. (Ten required)